

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

02/03/2004

Thomas C. Stover  
 ESC/JAZ  
 40 Wright St.  
 Hanscom AFB, MA 01731-2903



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

|                  |                    |
|------------------|--------------------|
| THOMAS C. STOVER | (Depositor's name) |
|                  | (Signature)        |
| 22 March 2004    | (Date)             |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/783,719      | 02/16/2001  | Joseph D. Lichtenhan | AFB00563            | 8873             |

TITLE OF INVENTION: ALTERING OF POSS RINGS

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1330    | \$0             | \$1330           | 05/03/2004 |

| EXAMINER          | ART UNIT | CLASS-SUBCLASS |
|-------------------|----------|----------------|
| MOORE, MARGARET G | 1712     | 528-014000     |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Thomas C. Stover  
 2  
 3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

United States of America as represented  
 by the Secretary of the Air Force

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☐ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee  
☐ Publication Fee  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number AE01-0465 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) Julian V. Siegel (Date) 22 March 04  
 JULIAN V. SIEGEL, Reg. No. 22,407

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

04/07/2004 JADD02 00000040 010465 09783719  
 01 FC:1501 1330.00 DA

TRANSMIT THIS FORM WITH FEE(S)

# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$1330.00)

## METHOD OF PAYMENT

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

Deposit Account Number

AF 01-0465

Deposit Account Name

Department of the Air Force

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Code         | Fee (\$) | Code         | Fee (\$) |                        |          |
| 1001         | 770      | 2001         | 385      | Utility Filing Fee     |          |
| 1002         | 340      | 2002         | 170      | Design Filing Fee      |          |
| 1003         | 530      | 2003         | 265      | Plant Filing Fee       |          |
| 1004         | 770      | 2004         | 385      | Reissue Filing Fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional Filing Fee |          |

**SUBTOTAL (1)**

\$

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 20** =             | 0            | 18             | 0        |
| Indep. Claims      | 3** =        | 86             | 0        |
| Multiple Dependent |              |                |          |

| Large Entity |          | Small Entity |          | Fee Description   |
|--------------|----------|--------------|----------|---|
| Code         | Fee (\$) | Code         | Fee (\$) |   |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                    |
| 1201         | 86       | 2201         | 43       | Independent claims in excess of 3                         |
| 1203         | 290      | 2203         | 145      | Multiple dependent claim, if not paid                     |
| 1204         | 86       | 2204         | 43       | **Reissue independent claims over original patent         |
| 1205         | 18       | 2205         | 9        | **Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)**

\$

\*\*or number previously paid, if greater; For Reissues, see above

## SUBMITTED BY

|                       |                         |                   |        |           |                |
|-----------------------|-------------------------|-------------------|--------|-----------|----------------|
| Typed or Printed Name | JULIAN L. SIEGEL        | Registration. No. | 22,407 | Telephone | (781) 377-4072 |
| Signature             | <i>Julian L. Siegel</i> |                   |        | Date      | 22 March 2004  |
| Typed or Printed Name |                         | Registration. No. |        | Telephone |                |
| Signature             |                         |                   |        | Date      |                |

## Complete if Known

|                        |                      |
|------------------------|----------------------|
| Application Number     | 09/783,719           |
| Filing Date            | 16 February 2001     |
| First Named Inventor   | Joseph D. Lichtenhan |
| Examiner Name          | Margaret G. Moore    |
| Group Art Unit         | 1712                 |
| Attorney Docket Number | AFB00563             |

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity Code | Large Entity Fee (\$) | Small Entity Code | Small Entity Fee (\$) | Fee Description  | Fee Paid |
|-------------------|-----------------------|-------------------|-----------------------|--|----------|
| 1051              | 130                   | 2051              | 65                    | Surcharge - late filing fee or oath  |          |
| 1052              | 50                    | 2052              | 25                    | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053              | 130                   | 1053              | 130                   | Non-English specification  |          |
| 1812              | 2,520                 | 1812              | 2,520                 | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804              | 920*                  | 1804              | 920*                  | Requesting publication of SIR prior to Examiner Action                     |          |
| 1805              | 1,840*                | 1805              | 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 1251              | 110                   | 2251              | 55                    | Extension for reply within first month                                     |          |
| 1252              | 420                   | 2252              | 210                   | Extension for reply within second month                                    |          |
| 1253              | 950                   | 2253              | 475                   | Extension for reply within third month                                     |          |
| 1254              | 1,480                 | 2254              | 740                   | Extension for reply within fourth month                                    |          |
| 1255              | 2,010                 | 2255              | 1,005                 | Extension for reply within fifth month                                     |          |
| 1401              | 330                   | 2401              | 165                   | Notice of Appeal   |          |
| 1402              | 330                   | 2402              | 165                   | Filing a brief in support of an appeal                                     |          |
| 1403              | 290                   | 2403              | 145                   | Request for oral hearing   |          |
| 1451              | 1,510                 | 1451              | 1,510                 | Petition to institute a public use proceeding                              |          |
| 1452              | 110                   | 2452              | 55                    | Petition to revive - unavoidable   |          |
| 1453              | 1,330                 | 2453              | 665                   | Petition to revive - unintentional   |          |
| 1501              | 1,330                 | 2501              | 665                   | Utility issue fee (or reissue)   | \$1330.  |
| 1502              | 480                   | 2502              | 240                   | Design issue fee   |          |
| 1503              | 640                   | 2503              | 320                   | Plant issue fee  |          |
| 1460              | 130                   | 1460              | 130                   | Petitions to the Commissioner  |          |
| 1807              | 50                    | 1807              | 50                    | Processing fee under 37 CFR 1.17(q)  |          |
| 1806              | 180                   | 1806              | 180                   | Submission of Information Disclosure Stmt                                  |          |
| 8021              | 40                    | 8021              | 40                    | Recording each patent assignment per property (times number of properties) |          |
| 1809              | 770                   | 2809              | 385                   | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810              | 770                   | 2810              | 385                   | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801              | 770                   | 2801              | 385                   | Request for Continued Examination (RCE)                                    |          |
| 1802              | 900                   | 1802              | 900                   | Request for expedited examination of design application                    |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** \$ 1330.00

RECEIVED  
APR - 6 2004  
UIPE/JCWS

MAR 2 5 2004

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

|                        |                      |
|------------------------|----------------------|
| Application Number     | 09/783,719           |
| Filing Date            | 16 February 2001     |
| First Named Inventor   | Joseph D. Lichtenhan |
| Group Art Unit         | 1712                 |
| Examiner Name          | Margaret G. Moore    |
| Attorney Docket Number | AFB00563             |

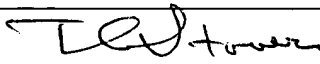
Total Number of Pages in this Submission

## ENCLOSURES (check all that apply)

- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment / Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts / Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Technology Center<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to a TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Part B – Fee Transmittal |
|--|---|--|

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

|                         |   |
|-------------------------|---|
| Firm or Individual Name | THOMAS C. STOVER, Reg. No. 22,531   |
| Signature               |  |
| Date                    | 22 March 2004   |

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name

THOMAS C. STOVER

Signature



Date

22 MARCH 2004